

ABSTRACT

The invention relates to a nozzle (1) with a rotating jet, said nozzle consisting of a static body (2A) defining an open cavity (2B) containing an injector (2C). One end of the injector (2C) is driven in a circular movement about a pivot (2D) of the body (2A) under the effect of water pressure having a tangential flow rate and acting on the injector (2C), while the other end of said injector (2C) is provided with a spray nozzle (2E) and is arranged in the opening of the cavity (2B) in the form of a concave seat (2F) enabling the precession movements of the injector. The inventive nozzle is characterised in that the inner diameter (d1) of the spray nozzle (2E) measures between 2.8 and 6 mm while the smallest diameter (d2) of the seat (2F) measures between 4 and 11.5 mm, the smallest diameter (d2) of the seat (2F) being 1.7 times larger $\pm 10\%$ than the inner diameter (d1) of the spray nozzle (2E) in such a way as to enable the inventive nozzle to be supplied under a medium pressure.